

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1. (Currently Amended) An information transmission method of performing transmission of audio information and/or video information in ~~the~~ a state where bio-information of a participator present at ~~the~~ a place where ~~these informations~~ the informations are acquired is multiplexed with respect to the audio information and/or the video information.

Claim 2. (Currently Amended) The information transmission method as set forth in claim 1,

wherein the participator is speaker, player actor or actress, or conductor who serves as a ~~providing~~ source of the audio information, and/or performer or photographed person included within ~~the~~ an image.

Claim 3. (Original) The information transmission method as set forth in claim 1,

wherein the participator is a listener present at the place where the audio information is acquired and/or a viewing person present at the place where the video information is acquired.

Claim 4. (Original) The information transmission method as set forth in claim 1,

wherein transmission of the bio-information is performed in a manner associated with the audio information and/or the video information corresponding to a timing where the bio-information has been caused to take place.

Claim 5. (Currently Amended) The information transmission method as set forth in claim 4, comprising;

partitioning for every time period of ~~the~~ a same predetermined time length, the audio information and/or the video information, and the bio-information; and

performing transmission of the partitioned bio-information in synchronism with audio information and/or video information of a corresponding predetermined time length.

Claim 6. (Currently Amended) The information transmission method as set forth in claim 4, comprising:

partitioning the audio information and/or the video information every time period of a predetermined time length;

performing statistical processing of the bio-information every ~~plural~~ plurality of time periods of the predetermined time length to calculate statistical bio-information; and

performing transmission of the statistical bio-information in synchronism with audio information and/or video information of ~~plural~~ a plurality of periods of the corresponding time length.

Claim 7. (Original) The information transmission method as set forth in claim 1,

wherein the bio-information is at least one of body motion, myoelectricity, body surface temperature, skin sweating, skin pressure, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.

Claim 8. (Original) The information transmission method as set forth in claim 1,

wherein bio-information is extracted from audio information and/or video information, and is caused to undergo transmission along with the audio information and/or the video information.

Claim 9. (Currently Amended) An information transmission apparatus comprising:

information acquiring means for acquiring audio information and/or video information;

bio-information detecting means for detecting bio-information of a participator present at the a place where ~~these~~ information the informations are acquired; and

transmission means for performing transmission of the audio information and/or the video information ~~which~~ that have been obtained from the information acquiring means, and the bio-information ~~which~~ that has been obtained from the bio-information detecting means.

Claim 10. (Currently Amended) The information transmission apparatus as set forth in claim 9,

wherein the participator is speaker, player, actor or conductor who serves as ~~providing~~ a source of the audio information, and/or performer or photographed person included with ~~the~~ an image.

Claim 11. (Original) The information transmission apparatus as set forth in claim 9,

wherein the participator is a listener present at the place where the audio information is acquired, and/or viewing person present at the place where the video information is acquired.

Claim 12. (Original) The information transmission apparatus as set forth in claim 9,

wherein the transmission means performs transmission of the bio-information along with the audio information and/or the video information corresponding to a timing where the bio-information has been caused to take place.

Claim 13. (Original) The information transmission apparatus as set forth in claim 12,

wherein the transmission means serves to partition the audio information and/or the video information, and the bio-information every time period of the same predetermined time length to perform transmission of the partitioned bio-information in synchronism with audio information and/or video information of a corresponding predetermined time length period.

Claim 14. (Currently Amended) The information transmission apparatus as set forth in claim 12,

wherein the transmission means serves to partition the audio information and/or the video information every time period of a predetermined time length to perform statistical processing of the bio-information at ~~plural~~ a plurality of time periods of the predetermined time length to calculate statistical bio-information and to perform transmission of the statistical bio-information in synchronism with audio information and/or video information of ~~plural~~ the plurality of time periods of the corresponding predetermined time length.

Claim 15. (Original) The information transmission apparatus as set forth in claim 9,

wherein the bio-information is at least one of body motion, myoelectricity, body surface temperature, skin sweating, skin resistance, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.

Claim 16. (Currently Amended) The information transmission apparatus as set forth in claim 9,

wherein the bio-information detecting means ~~serves to extract~~ extracts the bio-information from the audio information and/or video information.

Claim 17. (Original) An information recording method in which audio information and/or video information, and bio-information of a participator present at the place where these information are acquired are recorded with respect to a predetermined recording medium.

Claim 18. (Currently Amended) The information recording method as set forth in claim 17,

wherein the participator is speaker, player, actor or conductor who serves as ~~providing~~ a source of the audio information, and/or performer photographed person included within ~~the~~ an image.

Claim 19. (Original) The information recording method as set forth in claim 17,

wherein the participator is a listener present at the place where the audio information is acquired, and/or a viewing person present at the place where the video information is acquired.

Claim 20. (Original) The information recoding method as set forth in claim 17,

wherein the bio-information is recorded along with the audio information and/or the video information corresponding to a timing where the bio-information has been caused to take place.

Claim 21. (Original) The information recording method as set forth in claim 20, comprising:

partitioning the audio information and/or the video information, and the bio-information every time period of the same predetermined time length; and

recording the partitioned bio-information along with audio information and/or video information of a corresponding predetermined time length period.

Claim 22. (Currently Amended) The information recording method as set forth in claim 20,

comprising:

partitioning the audio information and/or the video information every time period of a predetermined time length;

performing statistical processing of the bio-information at ~~plural~~ a plurality of time periods of the predetermined time length to calculate statistical bio-information; and

recording the statistical bio-information along with audio information and/or video information of ~~plural~~ the plurality of time periods of the corresponding predetermined time length.

Claim 23. (Original) The information recording method as set forth in claim 17,

wherein the bio-information is at least one of body motion, myoelectricity, body surface temperature, skin sweating, skin resistance, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.

Claim 24. (Original) The information recording method as set forth in claim 17,

wherein the recording medium is at least one of optical disc, magnetic tape, hard disc and semiconductor memory.

Claim 25. (Original) The information recording method as set forth in claim 17,

wherein the bio-information is extracted from audio information and/or video information, and is recorded along with the audio information and/or the video information.

Claim 26 (Currently Amended) An information recording apparatus comprising:

information acquiring means for acquiring audio information and/or video information;

bio-information detecting means for detecting bio-information of a participator present at ~~the~~ a place where ~~these information~~ the informations are acquired; and

recording means for recording, with respect to a predetermined recording medium, the audio information and/or the video information which that have been obtained from the



information acquiring means and the bio-information which that has been obtained from the bio-information detecting means.

Claim 27. (Currently Amended) The information recording apparatus as set forth in claim 26,

wherein the participator is a speaker, player, actor or conductor who serves as ~~providing~~ a source of the audio information, and/or performer or photographed person included within ~~the~~ an image.

Claim 28. (Original) The information recording apparatus as set forth in claim 26,  
wherein the participator is a listener present at the place where the audio information is acquired, and/or a viewing person present at the place where the video information is acquired.

Claim 29. (Original) The information recording apparatus as set forth in claim 26,

wherein the recording means serves to record the bio-information with respect to the recording medium along with the audio information and/or the video information corresponding to a timing where the bio-information has been caused to take place.

Claim 30. (Original) The information recording apparatus as set forth in claim 29,

wherein the recording means serves to partition the audio information, and the bio-information every time period of the

same predetermined time length to record the partitioned bio-information along with audio information and/or video information of a corresponding predetermined time length.

Claim 31. (Currently Amended) The information recording apparatus as set forth in claim 29,

wherein the recording means serves to partition the audio information and/or the video information every time period of a predetermined time length to perform statistical processing of the bio-information at ~~plural~~ a plurality of time periods of the predetermined time length to calculate statistical bio-information to record the statistical bio-information along with audio information and/or video information at ~~plural~~ the plurality of time periods of the corresponding predetermined time length.

Claim 32. (Original) The information recording apparatus as set forth in claim 26,

wherein the bio-information is at least one of body motion, myoelectricity, body surface temperature, skin sweating, skin resistance, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.

Claim 33. (Original) The information recording apparatus as set forth in claim 26,

wherein the recording medium is at least one of optical disc, magnetic tape, hard disc, and semiconductor memory.

Claim 34. (Original) the information recording apparatus as set forth in claim 26,

wherein the bio-information detecting means serves to extract the bio-information from the audio information and/or the video information.

Claim 35. (Currently Amended) An information reproducing method, comprising:

reproducing audio information and/or video information to offer the reproduced information thus obtained to a user; and giving, to the user, sense stimulation based on bio-information of a participator present at ~~the~~ a place where the audio information and/or the video information are acquired.

Claim 36. (Original) The information reproducing method as set forth in claim 35,

wherein the audio information and/or the video information, and the bio-information are received through a transmission method.

Claim 37. (Original) The information reproducing method as set forth in claim 35,

wherein the audio information and/or the video information, and the bio-information are read out from a recording medium.

Claim 38. (Currently Amended) The information reproducing method as set forth in claim 35,

wherein the participator is a speaker, player, actor or conductor who serves as ~~providing~~ a source of the audio information, and/or performer or photographed person included within an image.

Claim 39. (Original) The information reproducing method as set forth in claim 35,

wherein the participator is a listener present at the place where the audio information is acquired and/or a viewing person present at the place where the video information is acquired.

Claim 40. (Currently Amended) An information reproducing method comprising:

controlling, based on ~~the basis of~~ bio-information of a particular present at the a place where audio information

and/or video information are acquired, reproduction of audio information and/or video information to reproduce those information.

Claim 41. (Original) The information reproducing method as set forth in claim 40,

wherein the audio information and/or the video information, and the bio-information are received through a transmission medium.

Claim 42. (Currently Amended) The information reproducing method as set forth in claim 40,

wherein the audio information and/or the video information, and the bio-information are read out from ~~the~~ a record medium.

Claim 43. (Currently Amended) The information reproducing method as set forth in claim 40,

wherein the participator is speaker, player, actor, or conductor who serves as ~~providing~~ a source of the audio information, and/or performer or photographed person included with the an image.

Claim 44. (Original) The information reproducing method

as set forth in claim 40,

wherein the participator is a listener present at the place where the audio information is acquired, and/or a viewing person present at the place where the video information is acquired.

Claim 45 (Currently Amended) An information reproducing apparatus comprising:

means for reproducing audio information and/or video information to offer the reproduced information thus obtained to a user; and

means for giving, to the user, sense stimulation based on bio-information of a participator present at ~~the~~ a place where the audio information and/or the video information are acquired.

Claim 46 (Original) The information reproducing apparatus as set forth in claim 45, comprising:

receiving means for receiving the audio information and/or the video information, and the bio-information through a transmission medium.

Claim 47. (Original) The information reproducing apparatus as set forth in claim 45, comprising:

means for reading out, from a recording medium, the audio information and/or the video information, and the bio-information.

Claim 48. (Currently Amended) The information reproducing apparatus as set forth in claim 45,

wherein the participator is a speaker, player, actor or conductor who serves as providing a source of the audio information, and/or performer or photographed person included within the an image.

Claim 49. (Original) The information reproducing apparatus as set forth in claim 45,

wherein the participator is a listener present at the place where the audio information is acquired, and/or a viewing person present at the place where the video information is acquired.

Claim 50. (Currently Amended) An information reproducing apparatus comprising: reproducing means for controlling based on ~~the basis of~~ bio-information of a participator present at ~~the~~ a place where audio information and/or video information are acquired reproduction of the audio information and/or the video information to reproduce those information.

Claim 51. (Original) The information reproducing apparatus as set forth in claim 50, comprising:

receiving means for receiving the audio information and/or the video information, and the bio-information through a transmission medium.

Claim 52 (Original) The information reproducing apparatus as set forth in claim 50, comprising:

means for reading out, from a recording medium, the audio information and/or the video information, and the bio-information.

Claim 53. (Currently Amended) The information reproducing apparatus as set forth in claim 50,

wherein the participator is a speaker, player, actor or conductor who serves as ~~providing~~ a source of the audio information, and/or performer or photographed person included within the an image.

Claim 54. (Original) The information reproducing apparatus as set forth in claim 50,

wherein the participator is a listener present at the place where the audio information is acquired, and/or a viewing person present at the place where the video



information is acquired.

Claim 55. (Currently Amended) A recording medium in which audio information and/or video information, and bio-information of a participator present at ~~the~~ a place where ~~these information~~ the informations are acquired are recorded.

Claim 56. (Currently Amended) The recording medium as set forth in claim 55,

wherein the participator is a speaker, player, actor or player who serves as ~~providing a~~ source of the audio information, and/or performer or photographed person included within ~~the~~ an image.

Claim 57. (Original) The recording medium as set forth in claim 55, wherein the participator is a listener present at the place where the audio information is acquired and/or a viewing person present at the place where the video information is acquired.

Claim 58. (Original) The recording medium as set forth in claim 55,

wherein bio-information of the participator is recorded in a manner associated with the audio information and/or the

video information corresponding to a timing where the bio-information has been caused to take place.

Claim 59. (Original) The recording medium as set forth in claim 55,

wherein the bio-information is at least one of body motion, myoelectricity, body surface temperature, skin sweating, skin resistance, pulse, breath, micro-vibration, cardioelectricity, heartbeat, and blood pressure.